

AMENDMENTS

In the Claims:

This listing of claim replaces all prior versions, and listings, of claims in the application:

1. (Currently Amended) A water treatment device comprising:

a first tank containing fluid containing objects of removal;

a filter device, ~~in turn~~ disposed in the first tank and comprising[[:]] a first filter[[:]]

immersed in [[a]] ~~the fluid containing objects of removal;~~ and a second filter[[:]] formed of a gel film adsorbed onto ~~the surface of~~ the first filter; [[and]]

a second tank containing fluid containing objects of removal;

a pair of electrodes[[:]] ~~disposed in the fluid contained in the second tank removing nitrogen compounds from the fluid by an electrochemical method;~~ and

a connecting pipe connecting the first and second tanks.

2. (Currently Amended) The device of Claim 1, wherein ~~the electrodes are installed in a first tank in which the fluid is contained, and the filter device is installed in a second tank in which the fluid that has been treated by the electrodes is contained~~ the first and second tanks are configured so that the fluid flows from the second tank to the first tank through the connecting pipe.

3. (Currently Amended) [[The]] A water treatment device of Claim 1 comprising:

a filter device comprising a first filter immersed in a fluid containing objects of removal

and a second filter comprising a gel film disposed on the first filter; and

a pair of electrodes removing nitrogen compounds from the fluid electrochemically,

wherein the filter device and the electrodes are ~~installed~~ disposed in the same tank.

4. (Currently Amended) [[The]] A water treatment device of Claim 1 comprising:

a filter device comprising a first filter immersed in a fluid containing objects of removal

and a second filter comprising a gel film disposed on the first filter; and

a pair of electrodes removing nitrogen compounds from the fluid electrochemically,

wherein the filter device is ~~installed~~ disposed in a first tank in which the fluid is ~~contained~~ filtered by the filter device, and the electrodes are ~~installed~~ disposed in a second tank in which the filtered fluid ~~that has been treated by the filter device~~ is contained.

5. (Currently Amended) The device of Claim 1, wherein ~~filtration of colloidal microparticles contained in the fluid is carried out~~ are separated from the fluid by the filter device, and nitrogen compounds in the fluid are removed by the electrodes.

6. (Currently Amended) The device of Claim 1, wherein ~~the metal material forming the a cathode of the electrodes~~ comprises an electric conductor containing an element of group 1b or group 2b or group 8 of the periodic table or a coating comprising the element ~~has an element of the same group~~ coated onto an electric conductor.

7. (Currently Amended) The device of Claim 1, ~~wherein the filter device furthermore comprises:~~ further comprising a pump drawing in the fluid via a first the connecting pipe; ~~and and a second pipe~~ taking the filtrated fluid out of the first tank from the pump; and ~~concentrates so as to concentrate~~ the objects of removal of the fluid in the first tank.

8. (Currently Amended) The device of Claim 1, wherein the filter device comprises supporting a periphery of the first filter, having its periphery supported by the frame; ~~and the second filter, adsorbed onto the surface of the first filter.~~

9. (Currently Amended) The device of Claim 1, wherein the fluid containing the objects of removal ~~comprise~~ comprises a CMP slurry.

10. (Original) The device of Claim 1, wherein the fluid is a solution containing indium or an indium compound.

11. (Currently Amended) A water treatment method, ~~wherein comprising:~~ removing microparticle components ~~of objects of removal~~ contained in a fluid ~~are removed~~ by filtering the fluid through a gel-form second filter formed on a surface of a first filter; and

removing nitride compounds contained in the fluid ~~are removed~~ electrochemically ~~by an electrochemical method.~~

12. (Currently Amended) The method of Claim 11, wherein the microparticle components are removed after ~~treating~~ removing the nitrogen compounds.

13. (Currently Amended) The method of Claim 11, wherein the nitrogen compounds are ~~treating~~ removed after removing the microparticle components.

14. (Currently Amended) The method of Claim 11, wherein the microparticle components are removed at the same time as ~~treating~~ the nitrogen compounds are removed.

15. (Currently Amended) The method of Claim 11, wherein ~~[[in]]~~ the electrochemical ~~method,~~ removal of the nitrogen compounds comprises having a pair of electrodes ~~[[is]]~~ immersed in the fluid and ~~[[then]]~~ applying electricity ~~is applied~~ across the immersed electrodes ~~to treat the nitrogen compounds~~.

16. (Currently Amended) The method of Claim 11, wherein the nitrogen compounds are ~~treating~~ removed ~~by the electrochemical method~~ after adding halogen ions or a compound containing a halogen element to the fluid.

17. (Currently Amended) The method of Claim 16, wherein coagulated particles of the ~~microparticles~~ microparticle components are formed ~~[[by]]~~ during the electrochemical ~~method~~ removal and the coagulated particles are filtered by the second filter.

18. (Currently Amended) The method of Claim 11, wherein the ~~gel film~~ second filter is formed ~~[[by]]~~ with the microparticle components of colloidal form.

19. (Currently Amended) The method of Claim 11, wherein the ~~objects of removal is~~ fluid comprises a CMP slurry.

20. (Original) The method of Claim 11, wherein the fluid is a solution containing indium or an indium compound.

21. (Currently Amended) A water treatment device comprising:
an electrode, ~~containing~~ comprising a metal from which ~~are eluted~~ coagulating ions are eluted, ~~[[that]]~~ the coagulating ions congealing ~~congeal~~ with objects of removal contained in a fluid; ~~[[and]]~~

a filter device[[,]] filtering the fluid to separate the coagulated coagulates of the objects of removal in the fluid; and

a tank in which the electrode and the filter device are disposed.

22. (Currently Amended) A water treatment device comprising:

an electrode[[,]] which, by [[the]] elution of coagulating ions that congeal with objects of removal contained in a fluid, forms coagulates of the objects of removal that are greater in diameter than the objects of removal; [[and]]

a filter device[[,]] filtering the fluid to separate the coagulates; and

a tank in which the electrode and the filter device are disposed.

23. (Currently Amended) The device of Claim 21 or Claim 22, wherein the filter device comprises[[,]] a first filter[[,]] immersed in the fluid containing the objects of removal[[,]] and a second filter[[,]] formed of a gel film adsorbed onto ~~the surface of~~ the first filter.

24. (Currently Amended) The device of Claim 23, wherein the gel film is formed from the coagulates of the objects of removal.

25. (Currently Amended) The device of Claim 21 or Claim 22, wherein the electrode comprises an element of group 8 of the periodic table or an electric conductor, ~~containing comprising~~ an element of group 8, or a material, with which coating comprising [[an]] the element ~~of the same group~~ or [[an]] the electric conductor ~~containing an element of the same group~~ is coated onto an electric conductor, ~~is employed as the material of the electrode.~~

26. (Currently Amended) The device of Claim 21 or Claim 22, wherein the electrode comprises iron ~~is employed as the material of the electrode.~~

27-28. (Cancelled)

29. (Currently Amended) The device of Claim 21 or Claim 22, ~~wherein the filter device furthermore comprises:~~ further comprising a pump[[,]] drawing in the fluid via a first pipe[[,]] and a second pipe[[,]] taking the filtrated fluid out of the tank ~~from the pump; and concentrates~~ so as to concentrate the objects of removal of the fluid in the tank.

30. (Currently Amended) The device of Claim 21 or Claim 22, wherein the filter device comprises[[:]] a first filter, a second filter and a frame[[:]] supporting a periphery of the first filter, ~~having its periphery supported by the frame, and~~ the second filter[[:]] being adsorbed onto the surface of the first filter.

31. (Original) The device of Claim 21 or Claim 22, wherein nitrogen compounds contained in the fluid are removed by electrochemical actions of the electrode.

32. (Withdrawn) A water treatment method, wherein objects of removal contained in a fluid are coagulated by the elution of coagulating ions and the objects of removal that have coagulated are filtered by a filter device.

33. (Withdrawn) A water treatment method, wherein coagulates that are greater in diameter than objects of removal contained in a fluid are formed by the elution of coagulating ions and the coagulates are filtered by the filter device.

34. (Withdrawn) The method of Claim 32 or Claim 33, wherein a gel-form second filter, formed of the coagulates, is formed on the surface of a first filter and filtration is carried out by the second filter.

35. (Withdrawn) The method of Claim 32 or Claim 33, wherein halogen ions or a compound containing a halogen ion are or is added to the fluid.

36. (Withdrawn) The method of Claim 32 or Claim 33, wherein nitrogen compounds contained in the fluid are treated by an electrochemical method.

37. (Withdrawn) The method of Claim 32 or Claim 33, wherein the coagulations are iron-silica polymer compounds.